

TSA50 Series Waterproof Trackballs

FEATURES

- Waterproof IP65 to IP68 rating
- Vandalproof
- Stainless Steel carrier plate
- ESD safe operation



TSA50F2



TSA50F8

Dim: 100 x 116 x 40mm

General Description

The TSA50 series are Waterproof and Vandalproof industrial trackballs. The IP68 waterproof level of the trackball is inherent to the used "Optical Navigation Technology" with solid state sensing. The trackballs are maintenance free as there are no moving parts except for the ball.

TSA50F2 has IP65 rated switches and the TSA50F8 is fully rated to IP68.

SPECIFICATIONS

Ball:	Epoxy resin, 50.8mm
Ball Material:	Epoxy resin, mid grey
Tracking Force:	nom 50 grams
Operating Temperature:	0 ⁰ C to +60 ⁰ C
Storage Temperature:	-25 ⁰ C to +80 ⁰ C
Lifetime:	> 2 million ball revolutions
Sealing:	IP68

Push Button Switches:

Sealing:	TSA50F2 IP65; TSA50F8 IP68
Travel:	TSA50F2 1.3mm; TSA50F8 0.5mm
Operating Force:	4N typ.
Mechanical Life:	TSA50F2 1 million operations; TSA50F8 3 million operations
Contacts:	TSA50F2 Gold plated TSA50F8 stainless steel dome on gold

ORDERING INFORMATION

TSA50F2	IP68 trackball, IP65 switches (PS/2, USB combo)
TSA50F8	IP68 trackball, IP68 switches (PS/2, USB combo)